Run-6 Status

Abhay Deshpande
Stony Brook & RBRC

Time and other meetings

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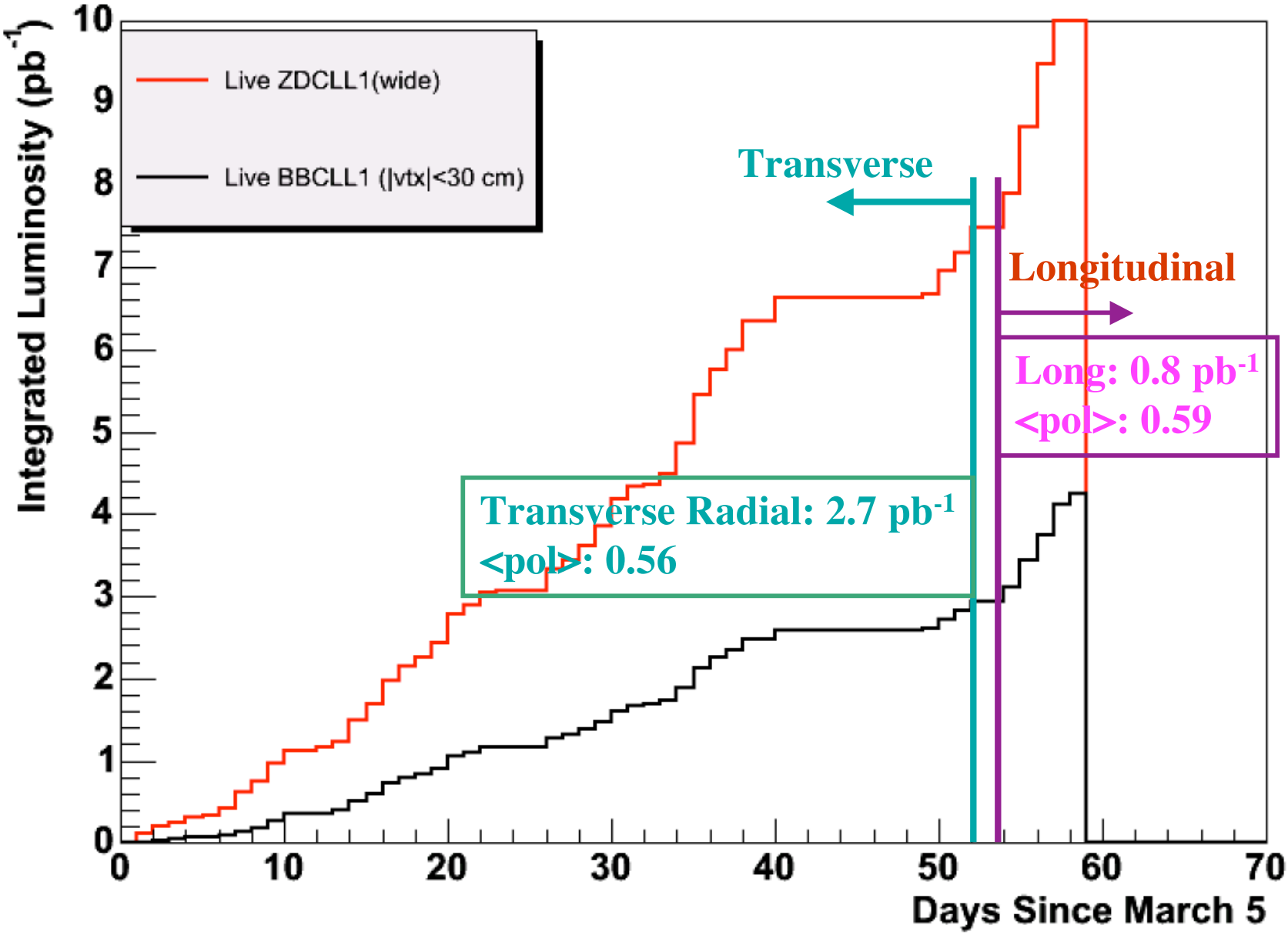
Run-6 Cumulative as of 5/1/2006



Message

Repeat the performance of the last weekend, as many times as possible.

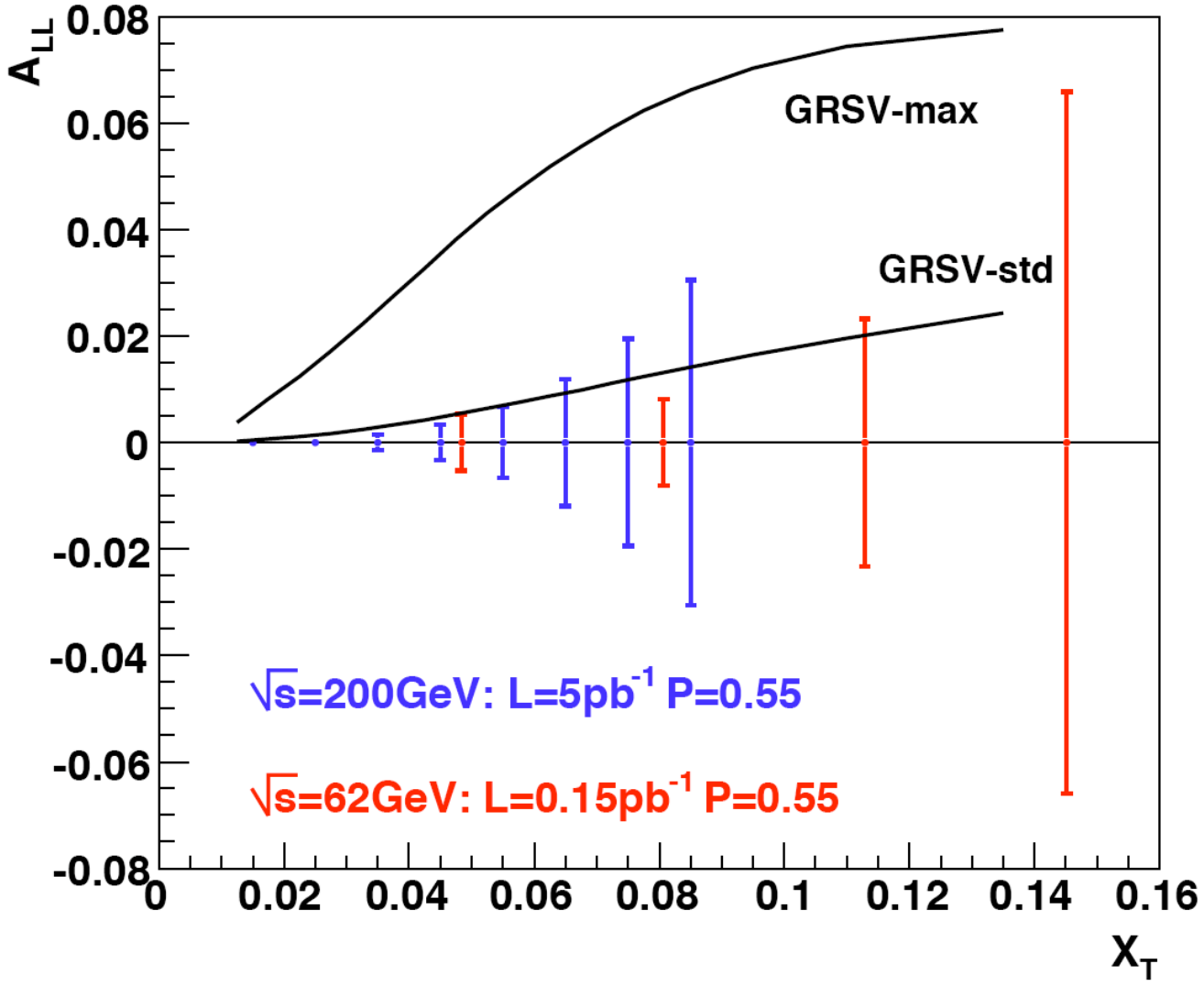
Keep accesses controlled, and minimal in number….

Just plan on smooth operation!

Aspirations from now on….

- We expect that 200 GeV longitudinal collisions will continue until June 6, 8:00AM
  - ~39(**- 4**) days at 0.2 pb^{-1}/day = **~7 pb^{-1}** (BBCLL1 PHENIX Live)
  - ~17 pb^{-1} ZDCLL1 wide (PHENIX live)
  - Beam polarization average **60%**
  - **FOM for Run-6 (P^4L) = 0.9** compared to **0.13 from Run-5**
- June 6, 24 hrs of 22 GeV CM study
  - A short operational phase 2-3 days: **When?**
- June 7, 62.4 GeV CM run for 2 weeks
  - Polarized beams: **longitudinal (?) , transverse (?)** collisions
  - 0.15 pb^{-1} at 55% we can gain significantly with longitudinal collisions: new xT explored: lower luminosity but significantly higher cross section, in product we win
  - **Is the luminosity going to be this? Beam excursions in the rotators small enough?**
  - **If not, we will prefer to go transverse vertical**
- June 21, 500 GeV CM for the last week

$A_{LL}(\pi^0)$ at 62.4 GeV w.r.t. 200 GeV



Luminosity low, but cross section high

In product we WIN!

Double spin asymmetries measurable with PHENIX shown as function of x_T

p_T < ~3.0-3.5 GeV

In the measured region we improve significantly and also explore new x_T regions

Compared with 2 gluon scenarios